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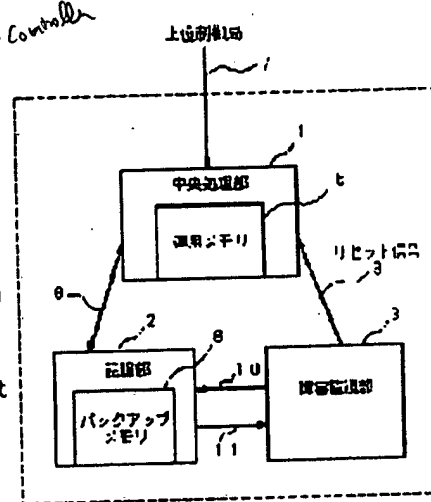
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(54) AUTONOMOUS PROGRAM FAULT RESTORING SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an autonomous program fault restoring system whereby a down-loaded program is automatically executed and restarting is autonomously executed even when a falut occurs due to the program.

SOLUTION: A central processing part down-loads an operation program 7 from a high-order control station so as to store it in an operation memory 5 and executes the stored operation program 7. A fault monitoring part 3 monitors the central processing part 1 and transfers the operation program 8 which is preserved in a back-up memory 6 to the operation memory 5 of the central processing part 1 as against a storage part 2 when abnormality is detected. The storage part 2 preserves reads out the operation program from the operation memory 5 so as to preserve it in the back-up memory 6.

LEGAL STATUS

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